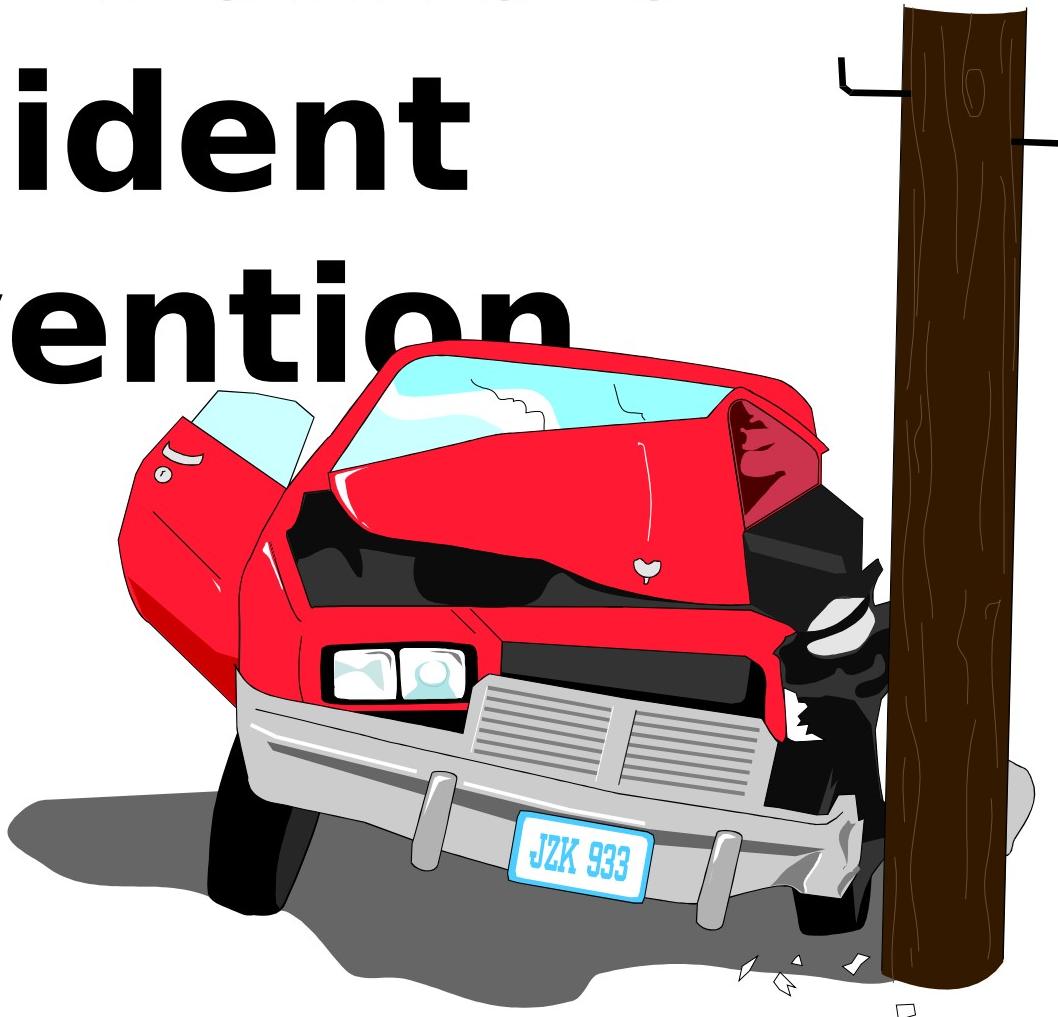


Motor vehicle accident prevention



Your vehicle

- maintaining your vehicle

Periodic servicing -

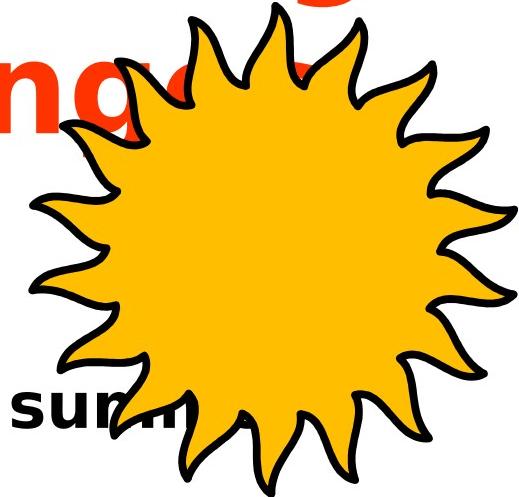
oil / lubrication / engine / radiator / transmission

tire inspection and rotation

front end alignment

windshield clean / clear of

Your vehicle preparing for seasonal change

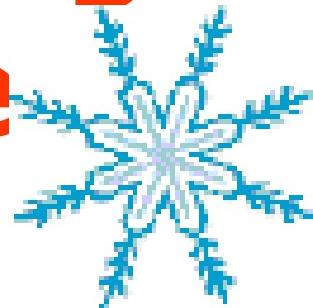


Summer

Ensure vehicle is ready to face the summer heat

- radiator fluid is checked and serviceable
- hoses are inspected for holes / leaks and cracks
- fan belts and serpentine belts checked for serviceability, i.e. wear and cracks
- windshield free from obstructions and cracks
- tires have proper tread (additional concerns include tire pressure, inflation, and alignment)

Your vehicle preparing for seasonal change



Winter

Ensure vehicle is ready for harsh winter temperatures

- radiator fluid is checked and serviceable
- hoses are inspected for holes / leaks and cracks
- fan belts and serpentine belts checked for serviceability, i.e. wear and cracks
- windshield free from obstructions and cracks (clear 360 degrees for removing frost or snow from windows)
- tires have proper tread / seasonal tires for snow / ice
- heater in good working order

Your attitude toward

- Following the rules of the road

driving

- right-of-way

- intersections

- emergency vehicles

- school buses

- hand and vehicle signals /turns

- city / county ordinances

- being a courteous driver

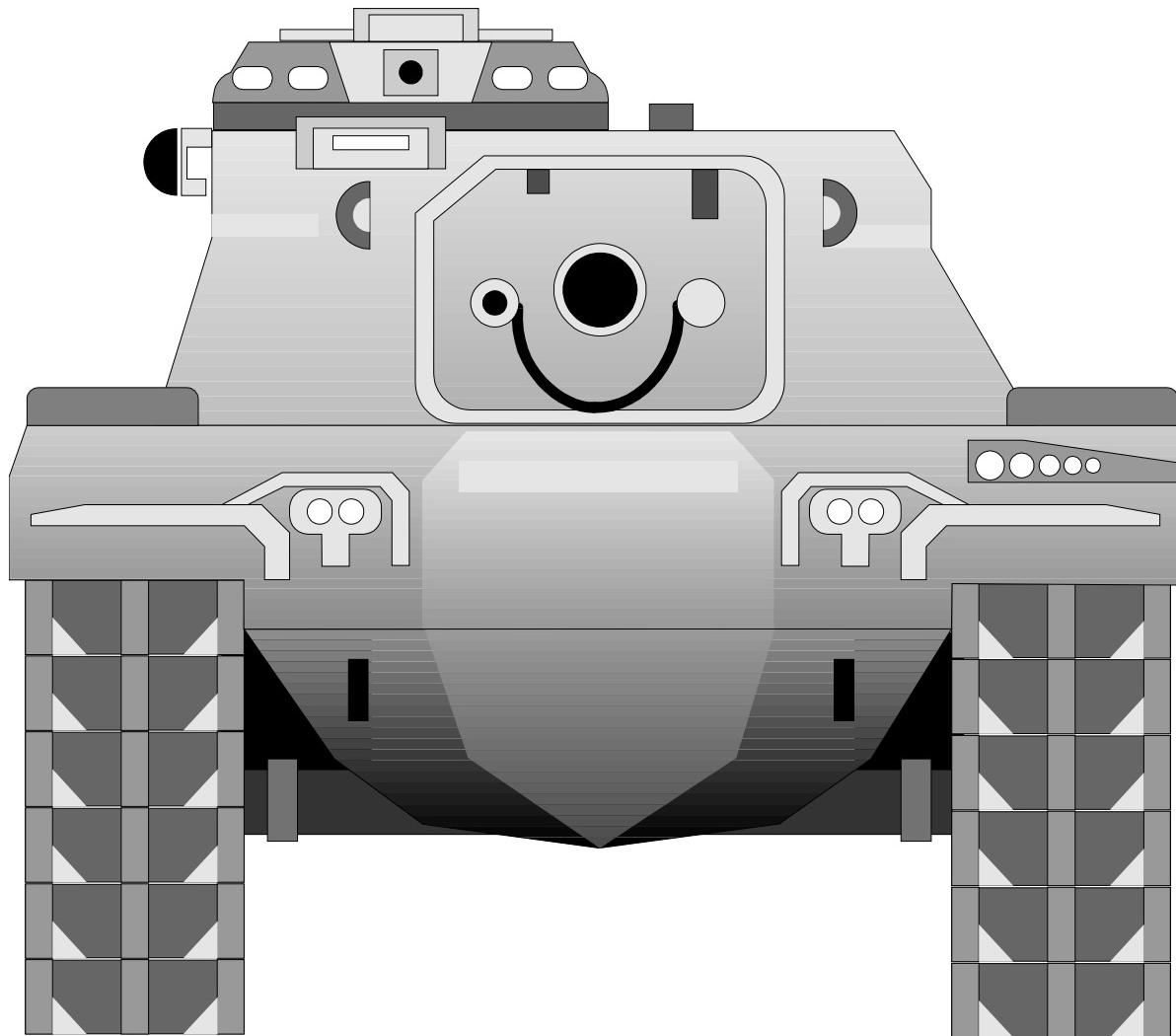
- pedestrians

- motorcycles /mopeds /bicycles riders

- trucks

- funeral processions

defensive driving



defensive driving

- **Keep your eyes moving**

- **awareness of the traffic around you**
- **expect other drivers to make mistakes, leave yourself an out**
- **do not rely on traffic signals or signs , be prepared for someone running a light or sign.**

- **Following other vehicles**

- **follow a safe distance behind other vehicles to avoid rear-end collisions, under normal conditions use one car length for every 10 miles per hour of speed or the three second rule**
- **tailgated, followed to closely by another driver**

Accident 12 May 99, 12:30 pm
Corner of Iowa & 4th





defensive driving

- **Space to the side**

- **Avoid driving next to other vehicles on multi-lane roads**
- **keep as much space as you can between yourself and oncoming vehicles**
- **give extra space to pedestrians or bicycles, especially children**

- **stopping distance**

- **your stopping distance equals your reaction distance plus your braking distance . At 60 mph it takes approximately 292 feet to stop on dry pavement**

defensive driving

- **Letting others know what you are doing**

- **signal when you change direction , i.e. changing lanes, turning left or right, merging into traffic, or park**
- **using your horn, do not use unless you have to, the purpose of the horn is to warn other drivers**
- **slow poke driving, it is against the law to drive slower than the minimum posted limit, unless it is because of bad weather, heavy traffic, or bad roads**

- **carbon monoxide**

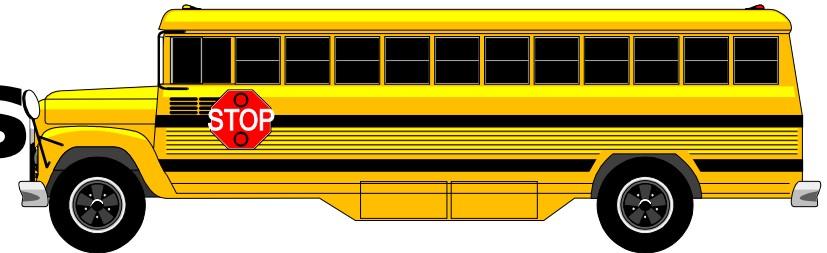
- **do not drive with a defective muffler or exhaust system**
- **do not leave the motor running in a garage**

defensive driving

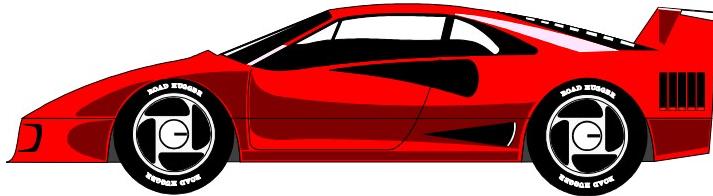
- **Rural areas**



- **state routes**



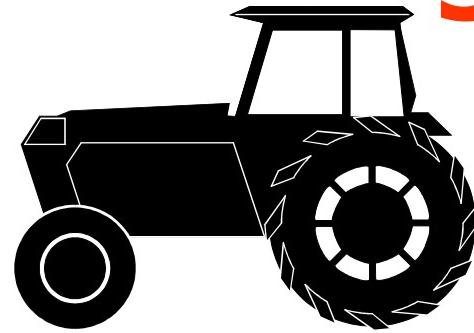
- **interstates**





defensive driving

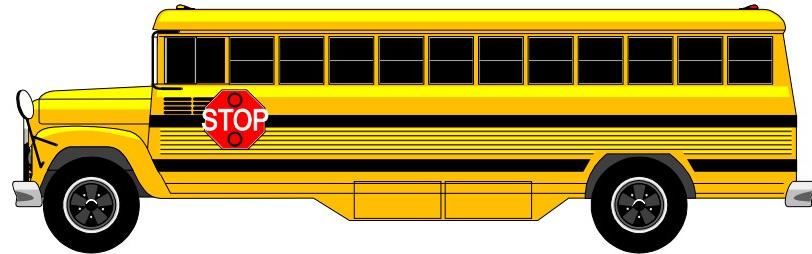
- **Rural areas**



- **Farm equipment**
- **livestock / wild animals**
- **unimproved roads**
- **minimal or no informational signs describing road conditions**
- **weather affected**
- **intoxicated drivers**

defensive driving

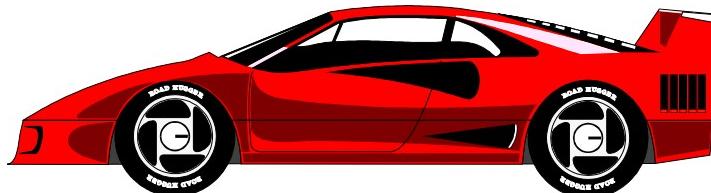
- **State routes**



- **Two lane roads / often winding /difficult for safe passing**
- **direct access on to hwy from side roads**
- **school bus stops**
- **Farm equipment / semi-trucks**
- **livestock / wild animals**
- **people not following speed limits**
- **intoxicated / impaired drivers**

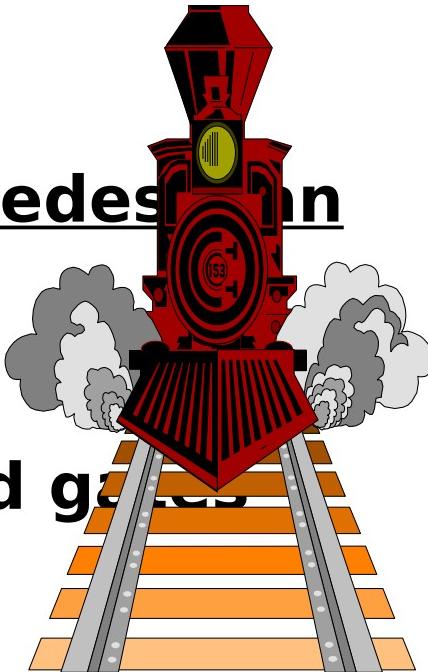
defensivedriving

- Interstate highway (speed)
 - Faster speed limits
 - semi-trucks / driving faster than set speed limits
 - drivers exceeding set speed limits
 - road construction and drivers do not slow down
 - weather affected / drivers continue to exceed speed limit



RAILROAD CROSSING SAFETY

- Treat all RR crossings as a special pedestrian and vehicular hazard
- Quickly assess RR crossings before crossing
- Never drive or walk around lowered gates
- Never race a train to a crossing
- Always watch for a second train on multiple tracks
- Increase night awareness at unguarded crossings
- Immediately evacuate vehicles stalled on the tracks



distracters

- **Cell phones**
- **passengers / kids**
- **newspapers / books / office work / make-up / combing hair**
- **stereo to loud**

Motor vehicle ACCIDENT PREVENTION TIPS

- **Take rest breaks every two hours**
- **Start trips early in the day**
- **Allow sufficient travel time**
- **Start trip rested**
- **Avoid alcohol**
- **Drive defensively**
- **Avoid medications that cause drowsiness**
- **Avoid traveling during darkness, if at all possible**
- **Adjust speed for road, traffic, and weather conditions**
- **Leave home with a road-worthy vehicle**



FATAL, 21 yr old soldier, 5 Apr 99- 1989
Mercury Topaz